

**Northern Cheyenne Tribe
30 MW Wind Energy
Development Grant**

**Renewable Energy Development
on
Tribal lands**

Joe Little Coyote, Sr., Tribal Planner

**Dale Osborn, President
Distributed Generation Systems, Inc. (Disgen)
Contractor**

Northern Cheyenne Tribe 30 MW Wind Energy Development Grant

Discussion Outline

Project Overview

Objectives

Project Location

Project Participants

Requested Technical Support



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Project Overview

- **Northern Cheyenne adopted a “Comprehensive Economic Development Strategy (CEDS) Planning Document” in 2001.**
- **CEDS mission is “To attain socio-economic independence through the development of a diversified and self-sustaining culturally appropriate reservation economy.”**
- **Northern Cheyenne Tribe has completed a wind energy feasibility study funded in 2002.**
- **The NCT Tribal Council passed a resolution to support a 30Mw wind facility and authorized the development grant application.**

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30 MW Wind Energy
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Project Objectives

- 1. Complete all the development steps and contracts necessary to finance, construct and operate and maintain a 30 Mw wind facility on Tribal Trust Lands**
- 2. Create maximum economic development through Tribal Ownership, if possible, of resulting projects**

Northern Cheyenne Tribe

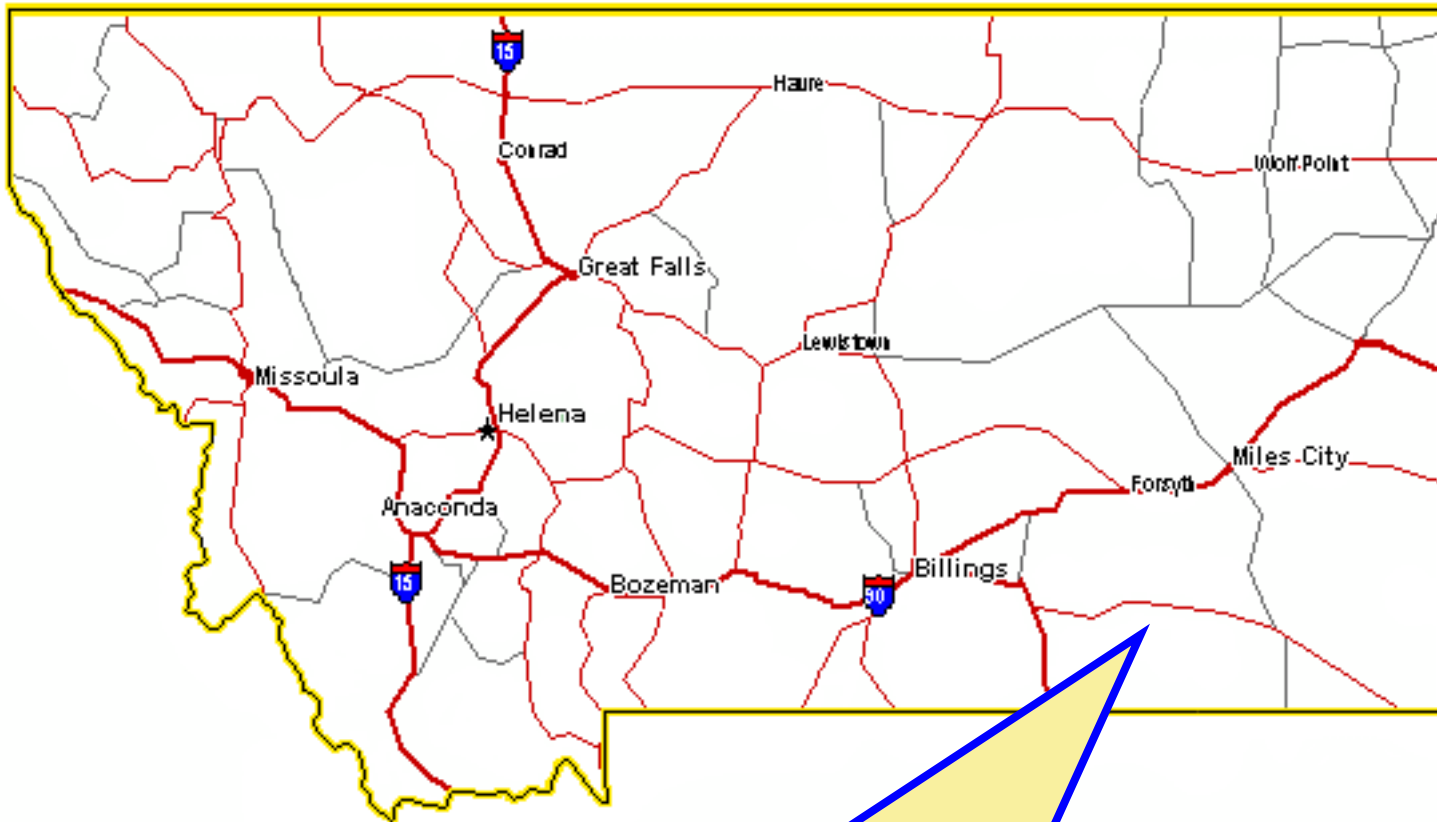
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Project Location

- **The Northern Cheyenne Reservation is located in southeastern Montana in Big Horn and Rosebud Counties.**
- **Tribal headquarters is located in Lame Deer, Montana.**
- **The wind site is a north-south plateau with an area of approximately 120 square miles.**
- **Meteorological studies have been conducted for ten years.**
- **A wind energy feasibility (DOE funded) has been completed.**

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Northern Cheyenne Reservation

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Project Location

- **Colstrip coal fired power plant is 25 miles to the north.**
- **Transmission capacity is limited and un-quantified, although Tongue River Electric Cooperative (TRECO) has indicated a 30 Mw facility is feasible.**
- **Site could accommodate a 30 megawatt wind facility locally and a 150+ megawatt facility for export power.**



11-17-03

Northern Cheyenne Tribe 30 MW Wind Energy Development Grant

Project Participants

- **Northern Cheyenne Nation**
 - **Program Director, Joe Little Coyote, Sr.**
- **Contractor**
 - **Distributed Generation Systems, Inc. (Disgen)**
 - **Dale Osborn, President**
 - **Ed McCarthy- Meteorological studies**
 - **Western EcoSystems Technology, Inc.-Avian assessment**
 - **Tom Wind- Transmission review**

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30 MW Wind Energy
Development Grant**

Key Studies

Avian research

-US F&WS

Cultural studies

-Archeological

-Ethnographic

Interconnection studies

Soils studies

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30 MW Wind Energy
Development Grant
Required Contracts**

- **NCT land agreements**
- **NCT permits**
- **BIA permits**
- **Interconnection
agreement**
- **Taxation agreements**
- **Power sales agreement**
- **Financing agreements**

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30 MW Wind Energy

Development Grant

Status

- **Completed Avian Study protocol with NCT, USF&WS and BIA**
- **Will conduct environmental Scoping Meeting on Nov. 21**
- **Relocated meteorological tower to project area**
- **Briefed NCT Tribal Council on grant and schedule**